

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/558,937
Source: P4/10
Date Processed by STIC: 12/9/05

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 12/09/2005

PATENT APPLICATION: US/10/558,937

TIME: 12:44:46

Input Set : A:\2488-1-012PCTUS SEQLIST.TXT

Output Set: N:\CRF4\12092005\J558937.raw

```

4 <110> APPLICANT: MILES ANDREW NUNN
6 <120> TITLE OF INVENTION: COMPLEMENT INHIBITORS
9 <130> FILE REFERENCE: 2488-1-012PCTUS
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/558,937
C--> 11 <141> CURRENT FILING DATE: 2005-12-01
11 <150> PRIOR APPLICATION NUMBER: PCT/GB2004/002341
12 <151> PRIOR FILING DATE: 2004-06-02
14 <150> PRIOR APPLICATION NUMBER: GB0327386.9
15 <151> PRIOR FILING DATE: 2003-11-25
17 <150> PRIOR APPLICATION NUMBER: GB0312619.0
18 <151> PRIOR FILING DATE: 2003-06-02
20 <160> NUMBER OF SEQ ID NOS: 5
22 <170> SOFTWARE: FastSEQ for Windows Version 4.0
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 507
26 <212> TYPE: DNA
27 <213> ORGANISM: Ornithodoros moubata
29 <400> SEQUENCE: 1
30 atgctggttt tggtgaccct gattttctcc ttttctgcga acatcgcata tgctgacagc 60
31 gaaagcgact gcactggaag cgaacctgtt gacgccttcc aagctttcag tgagggcaaa 120
32 gaggcataatg tcttggtgag gtccacggat cccaaagcga gggactgctt gaaaggagaa 180
33 ccagccggag aaaagcagga caacacgttg ccggtgatga tgacgtttaa gaatggcaca 240
34 gactgggctt caaccgattg gacgtttact ttggacggcg caaaggtaac ggcaaccctt 300
35 ggtaacctaa cccaaaatag ggaagtggtc tacgactcgc aaagtcatca ctgccacgtt 360
36 gacaaggtcg agaaggaagt tccagattat gagatgtgga tgctcgatgc gggagggctt 420
37 gaagtggaag tcgagtgtcg ccgtcaaaag cttgaagagt tggcgtctgg caggaaccaa 480
38 atgtatcccc atctcaagga ctgctag 507
40 <210> SEQ ID NO: 2
41 <211> LENGTH: 168
42 <212> TYPE: PRT
43 <213> ORGANISM: Ornithodoros moubata
45 <400> SEQUENCE: 2
46 Met Leu Val Leu Val Thr Leu Ile Phe Ser Phe Ser Ala Asn Ile Ala
47 1 5 10 15
48 Tyr Ala Asp Ser Glu Ser Asp Cys Thr Gly Ser Glu Pro Val Asp Ala
49 20 25 30
50 Phe Gln Ala Phe Ser Glu Gly Lys Glu Ala Tyr Val Leu Val Arg Ser
51 35 40 45
52 Thr Asp Pro Lys Ala Arg Asp Cys Leu Lys Gly Glu Pro Ala Gly Glu
53 50 55 60
54 Lys Gln Asp Asn Thr Leu Pro Val Met Met Thr Phe Lys Asn Gly Thr
55 65 70 75 80
56 Asp Trp Ala Ser Thr Asp Trp Thr Phe Thr Leu Asp Gly Ala Lys Val

```

RAW SEQUENCE LISTING

DATE: 12/09/2005

PATENT APPLICATION: US/10/558,937

TIME: 12:44:46

Input Set : A:\2488-1-012PCTUS SEQLIST.TXT

Output Set: N:\CRF4\12092005\J558937.raw

```

57          85          90          95
58 Thr Ala Thr Leu Gly Asn Leu Thr Gln Asn Arg Glu Val Val Tyr Asp
59          100          105          110
60 Ser Gln Ser His His Cys His Val Asp Lys Val Glu Lys Glu Val Pro
61          115          120          125
62 Asp Tyr Glu Met Trp Met Leu Asp Ala Gly Gly Leu Glu Val Glu Val
63          130          135          140
64 Glu Cys Cys Arg Gln Lys Leu Glu Glu Leu Ala Ser Gly Arg Asn Gln
65 145          150          155          160
66 Met Tyr Pro His Leu Lys Asp Cys
67          165
70 <210> SEQ ID NO: 3
71 <211> LENGTH: 163
72 <212> TYPE: PRT
73 <213> ORGANISM: Ornithodoros savignyi
75 <400> SEQUENCE: 3
76 Met Met Leu Val Leu Ala Thr Val Ile Leu Ser Phe Ser Ala Ser Thr
77 1          5          10          15
78 Ala Leu Ala Asp Cys Pro Thr Gly Lys Pro Thr Glu Ala Tyr Val Ala
79          20          25          30
80 Phe Asn Glu Gly Lys Gly Ala Tyr Ile Leu Val Arg Ser Thr Asn Leu
81          35          40          45
82 Asn Ala Arg Asp Cys Leu Lys Gly Glu Ala Thr Gly Lys Lys Glu Gly
83          50          55          60
84 Asn Thr Leu Pro Val Met Met Ala Phe Lys Asp Glu Gly Lys Trp Val
85 65          70          75          80
86 Ser Leu Pro Trp Thr Phe Thr Leu Asp Gly Pro Lys Val Thr Ala Thr
87          85          90          95
88 His Gly Gln Arg Thr Leu Lys Gly Glu Val Val Tyr Asp Val Pro Ser
89          100          105          110
90 His His Cys His Ile Glu Lys Leu Glu Ser Gly Ala Tyr Asp Met Trp
91          115          120          125
92 Met Leu Glu Ala Gly Gly Leu Glu Val Asp Ile Glu Cys Cys Asn Lys
93          130          135          140
94 Arg Tyr Asp Glu Leu Thr Ser Gly Gln Val Val Ile Arg Pro Gln Asp
95 145          150          155          160
96 Lys Asp Cys
100 <210> SEQ ID NO: 4
101 <211> LENGTH: 163
102 <212> TYPE: PRT
103 <213> ORGANISM: Ornithodorus savignyi
105 <400> SEQUENCE: 4
106 Met Met Leu Val Leu Ala Thr Val Ile Leu Ser Phe Ser Ala Ser Thr
107 1          5          10          15
108 Ala Leu Ala Asp Cys Pro Thr Gly Lys Pro Thr Asp Ala Tyr Val Ala
109          20          25          30
110 Phe Asn Glu Gly Gln Gly Ala Tyr Ile Leu Val Lys Ser Thr Asp Leu
111          35          40          45
112 Asp Ala Arg Asp Cys Leu Lys Gly Ser Ala Thr Gly Lys Lys Glu Gly

```

RAW SEQUENCE LISTING

DATE: 12/09/2005

PATENT APPLICATION: US/10/558,937

TIME: 12:44:46

Input Set : A:\2488-1-012PCTUS SEQLIST.TXT

Output Set: N:\CRF4\12092005\J558937.raw

```

113      50      55      60
114 Asn Lys Val Pro Val Met Met Ala Phe Lys Asn Glu Gly Gln Trp Val
115 65      70      75      80
116 Ser Leu Pro Trp Thr Phe Thr Leu Asp Gly Pro Lys Val Thr Ala Thr
117      85      90      95
118 Asp Gly Gln Arg Thr Leu Lys Arg Glu Val Val Tyr Asp Val Ala Ser
119      100      105      110
120 His His Cys His Val Glu Lys Leu Ala Ser Gly Ala Tyr Glu Met Trp
121      115      120      125
122 Met Leu Glu Ala Gly Gly Leu Glu Val Asp Ile Glu Cys Cys Asn Lys
123      130      135      140
124 Lys Tyr Asp Glu Leu Thr Ser Gly Gln Val Val Ile Arg Pro Gln Asp
125 145      150      155      160
126 Lys Asp Cys
130 <210> SEQ ID NO: 5
131 <211> LENGTH: 171
132 <212> TYPE: PRT
133 <213> ORGANISM: Ornithodoros moubata
135 <400> SEQUENCE: 5
136 Met Met Leu Val Leu Thr Thr Leu Ile Phe Ser Phe Ser Ala Ser Ile
137 1      5      10      15
138 Ala Tyr Ala Gln Ser Gly Cys Ser Val Ser Asp Pro Leu Asp Ala Leu
139      20      25      30
140 Lys Ala Phe Lys Asp Gly Ala Gly Thr Phe Leu Leu Gln Lys Ser Thr
141      35      40      45
142 Asp Pro Gln Ala Arg Asp Cys Leu Lys Gly Thr Pro Asn Gly Asn Arg
143      50      55      60
144 Asp Gly Asn Thr Leu Pro Val Thr Met Thr Tyr Lys Asp Asp Ser Lys
145 65      70      75      80
146 Trp Val Ser Leu Asn Trp Met Phe Thr Leu Glu Gly Ala Asn Ile Val
147      85      90      95
148 Ala Thr Leu Glu Gly Lys Arg Lys Gln Arg Gly Glu Leu Val Tyr Asp
149      100      105      110
150 Val Gln Ser His Asp Cys His Ile Thr Lys Leu Ser Ser Gly Val Tyr
151      115      120      125
152 Gln Gln Trp Gln Ser Asn Gly Ser Ala Asp Asp Lys Asp Ile Lys Cys
153      130      135      140
154 Cys Asp Glu Lys Phe Lys Glu Leu Thr Ser Gly Ile Asp Tyr Thr Lys
155 145      150      155      160
156 Pro Gln Glu Lys Gly Cys Glu Thr Ser Ala Lys
157      165      170

```

VERIFICATION SUMMARY

DATE: 12/09/2005

PATENT APPLICATION: US/10/558,937

TIME: 12:44:47

Input Set : A:\2488-1-012PCTUS SEQLIST.TXT

Output Set: N:\CRF4\12092005\J558937.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date